

AMENDMENTS TO THE SPECIFICATION:

On page 1, line 11, please amend the heading as follows:

Background of the invention

On page 3, line 30, please amend the heading as follows:

Summary of the invention

On page 3, amend the paragraph beginning on line 31 as follows:

~~The An~~ object ~~of the present invention~~ is to provide a system and a method that overcomes the problems mentioned above, where the system and the method makes it possible to provide the users of a mobile telecommunication system with a different quality of service in different coverage areas of the system. A further object ~~of the invention~~ is to provide a system and a method that makes it possible to dynamically change the quality of service for a user, which enables an adaptation to occurrences in the area covered by the mobile telecommunication system.

On page 4, amend the paragraph beginning at line 1 as follows:

~~The invention accordingly provides for users~~Users of a mobile telecommunication system ~~to be~~are grouped into one or more priority-groups. The possible priority-group or groups to which a specific user belongs are defined in a user-register. In turn, the user-register is linked to the user and to a user-device. Such a user-register may have additional information about the user and the user-device in question.

On page 4, amend the paragraph beginning at line 7 as follows:

~~The invention also provides for one~~One or more priority-tables are provided, each associated with one or several areas covered by the mobile telecommunication system. A priority-table comprises one or several priority-levels, where each priority-level can be assigned one or several priority-groups. It is preferred that a priority-table can be changed to meet the present need to prioritise particular users within a particular area covered by a telecommunication system.

On page 4, amend the paragraph beginning at line 14 as follows:

~~Moreover, the invention provides for a priority-table to be~~is compared with a user-register[,]
when a user-device linked to said user-register enters an area associated with said priority-table. The user-device can then be provided with a certain level of service within said area, depending on a possible correspondence between the priority-table and the user-register, preferably a correspondence between the priority-groups defined in the user-register and the priority-groups assigned to the priority-levels in the priority-table.

On page 5, amend the paragraph beginning at line 7 as follows:

~~One advantage of the present invention~~ is the ability to provide a group of users in a mobile telecommunication system with a quality of service that may differ between different coverage areas of the system, as well as differ within a certain coverage area of the system. Another advantage is the ability to easily accomplish a more or less dynamic change of the quality of service for a certain group of users within a coverage area by simply changing the priority-table associated with the coverage area in question. The primarily centralised user-registers also

facilitate the addition of new of priority-groups or the deletion of old priority-groups for each user. Further advantages will appear from the following detailed description of the invention.

On page 5, delete the paragraph beginning at line 19.

On page 5, amend the paragraphs beginning at line 25 as follows:

Fig. 2 is a flowchart schematically illustrating the creation of a user-register according to an example embodiment of the present invention.

Fig. 3 is a flowchart schematically illustrating the modification of an existing user-register according to an example embodiment of the present invention.

Fig. 4 is a flowchart schematically illustrating the creation of a priority-table according to an example embodiment of the present invention.

Fig. 5 is a flowchart schematically illustrating the modification of an existing priority-table according to an example embodiment of the present invention.

On page 6, amend the paragraphs beginning at line 1 as follows:

Fig. 6 is a schematic diagram illustrating a macro cell and a micro cell, and a user equipment of an UMTS-system, where according to an example embodiment of the present invention a user-register has been linked to the user equipment and a priority table has been associated to the macro cell.

Fig. 7 is a schematic diagram of a Universal Mobile Telecommunication System (UMTS)

according to an example embodiment of the present invention.

On page 6, line 9 amend the heading as follows:

Detailed description of preferred embodiments of the invention Description

On page 6, amend the paragraph beginning at line 11 as follows:

As there is a need for an improved system and method for providing the users of a mobile telecommunication system with different quality of service in different coverage areas of the telecommunication system, embodiments of such a system and such a method will be described in more detail below. In particular, at least one example embodiment of the present invention may dynamically change the quality of service for one or several groups of users to adapt the behaviour of the system to occurrences in the specific coverage area of the cellular telecommunication system.

On page 6, amend the paragraph beginning at line 19 as follows:

The example embodiments of the present invention technology described herein are described in the light of an UMTS-system, though the invention technology described herein can be implemented in almost any mobile telecommunication system, e.g. in a GSM-system. In particular, the invention technology described herein is not limited to systems with a hierarchic structure. On the contrary, the invention technology can be implemented in a vast variety of different mobile or wireless telecommunication systems having different structures, e.g.

depending on the underlying technique, the performance needed, the acceptable economic costs etc. Other mobile or wireless telecommunication systems wherein the invention can be implemented may e.g. be structured as a ring network, or a bus network or as a star network etc. In addition to the UMTS- and GSM-system already mentioned the Wireless Local Area Networks (WLAN) is another example of a mobile telecommunication system wherein the ~~present invention~~ technology described herein can be implemented.

On page 6, amend the paragraph beginning at line 33 as follows:

According to a preferred example embodiment of the present invention each user of an UMTS-system can be provided with a user-register, the creation of which is schematically illustrated by the flowchart in Fig. 2.

On page 7, amend the paragraph beginning at line 1 as follows:

~~Said~~The user subscriptions ~~[[is]]~~ are preferably reflected in the Home Location Register (HLR) of the UMTS-system, and the user-register is therefore preferably a part of the information in the user subscription stored in the HLR, though other organisations and/or locations of the user-registers are conceivable. A user-register may even be stored in one or more RNC(s) or even in a UE.

On page 13, amend the paragraph beginning at line 31 as follows:

Non-limiting example Embodiments ~~embodiments~~ of the invention have now been described essentially in connection with an UMTS-system. However, embodiments ~~of the invention~~ are certainly applicable in a GSM-system. In general it should be emphasised that the

invention technology described herein can be implemented in essentially all known mobile telecommunication systems, regardless if such systems are organised in a ring structure, in a bus structure or in a star structure or in some other suitable structure. In particular, compared to an UMTS-system or a GSM-system, there may e.g. be another number of levels between an access point and a central switching centre or similar.